

## WHAT IS CLAIMED IS

1. An antenna comprising:

a rod-like core section made of insulating resin; and

5 an antenna element with a feeding terminal, which is securely fixed with the core section,

wherein the core section is fitted into a notch formed in a wiring board of a wireless device, the feeding terminal is soldered to the wiring board of the wireless device to complete mounting.

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2. The antenna as defined in claim 1, wherein the core section is generally formed into a rectangular parallelepiped, and a joint section for soldering is deposited on side surfaces of the core section other than a side on which the feeding terminal of the antenna element is provided.

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3. The antenna as defined in claim 2, wherein the feeding terminal and the joint section are located substantially at a midpoint of a side surface of the core section in a direction of height.

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4. The antenna as defined in claim 1, wherein the core section is force-fitted into the notch of the wiring board.

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5. The antenna as defined in claim 1, wherein the core section contains projections that downwardly extends under the wiring board on which the antenna is mounted.

6. The antenna as defined in claim 1, wherein the core section contains a

pedestal under the side surface on which the feeding terminal is disposed, and a gap between the tip of the feeding terminal and the upper surface of the pedestal is determined so as to be slightly smaller than a thickness of the wiring board.